



Children's Mercy KANSAS CITY

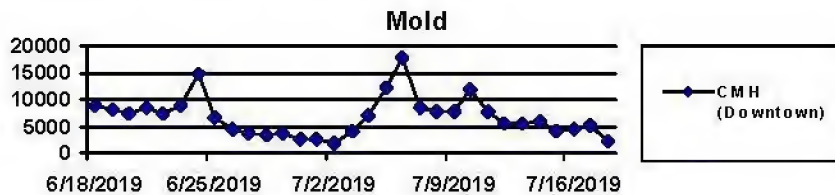
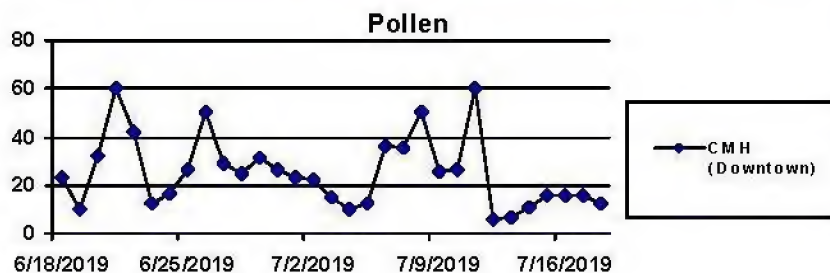
Provided by the Section of Toxicology and Environmental Health
Environmental Health: 816-302-8565 Pollen Line: 816-346-1331

http://www.childrensmercy.org/Clinics_and_Services/Clinics_and_Departments/Allergy_Asthma_and_Immunology/

Kansas City Metropolitan Pollen, Spore, and Particle Count

Thursday, July 18, 2019

Location	Pollen (per cubic Meter)	Mold (per cubic Meter)	Size	Laser Particle Count (per cubic foot)
CMH (Downtown)	16 Low	5,084 Low	0.3 - 0.5uM	1,832,124
Median:	16 Low	5,084 Low	0.5 - 1.0uM	108,533
			1 - 5uM	30,581
			5 - 10uM	1,741
			10 - 25uM	435
			> 25uM	0
			Total:	1,973,414



Laser Particle Counts are measured with a Climet CLI-100 laser particle counter. The numbers represent particles per cubic foot of air by size range (in microns) as measured at 8:00AM on the roof of Children's Mercy Hospital. We don't know what the "normal" values should be, nor do we know what the health effects are of particular counts. There is evidence that very high numbers of particles under 1 uM in size may be related to heart and lung problems.

Top 5 Pollens: CMH (Downtown)

Pollen	Count	Percent
Grass	8	50.0%
Other Weed	4	28.6%
Pollen, Othe	2	14.3%
Typha (catt	1	7.1%
Other		0.0%

Top 5 Molds: CMH (Downtown)

Mold	Count	Percent
Cladosporium	2,716	53.4%
Basidiospores	693	13.6%
Ascospores	664	13.1%
Alternaria	520	10.2%
Smuts	318	6.3%
Other		4.0%

Thursday, July 18, 2019

Comments

The current hot, dry weather is not conducive to very much pollination activity even though there are a few grasses and some weeds remain active in this weather but overall pollen count is still low today. Spore count in KC area are generally down during hot summery weather. The total mold count is also low and we expect to have same trend as long as this hot and dry weather continue. According to MARC SkyCast we do have good air quality today (Green Ozone Alert). Just be mindful/ careful about Excessive Heat Warning throughout KC metro area today.